



The State of New Hampshire  
*Department of Environmental Services*

Michael P. Nolin  
Commissioner



**AGGREGATED PRECIPITATION DATA for N.H.  
DROUGHT MANAGEMENT AREAS**

	Actual Rainfall (inches)	Normal Rainfall (inches)	Deviation from Normal (inches)	Percent of Normal
<b><u>Coastal Drainage:</u></b> Rockingham, Strafford counties				
four month	30.37	14.76	15.61	206%
six month	35.82	21.54	14.28	166%
nine month	49.77	31.12	18.65	160%
twelve month	62.62	40.62	22.00	154%
<b><u>Southern Interior:</u></b> Belknap, Hillsborough, Merrimack counties				
four month	28.00	14.60	13.40	192%
six month	33.59	21.51	12.09	156%
nine month	45.90	31.48	14.42	146%
twelve month	56.78	41.08	15.70	138%
<b><u>South Western:</u></b> Cheshire, Sullivan counties				
four month	28.92	14.20	14.72	204%
six month	35.17	21.34	13.83	165%
nine month	47.37	31.54	15.83	150%
twelve month	57.54	41.18	16.36	140%
<b><u>White Mountain:</u></b> Carroll, Grafton counties				
four month	23.81	13.96	9.85	171%
six month	31.51	31.51	10.53	100%
nine month	44.75	31.72	13.03	141%
twelve month	53.63	40.66	12.97	132%
<b><u>North Country:</u></b> Coos county				
four month	24.40	13.12	11.28	186%
six month	33.93	20.52	13.41	165%
nine month	49.33	31.96	17.37	154%
twelve month	59.23	40.24	18.99	147%

four month period : October 2005 - January 2006

six month period : August 2005 - January 2006

nine month period : May 2005 - January 2006

twelve month period: February 2005 - January 2006

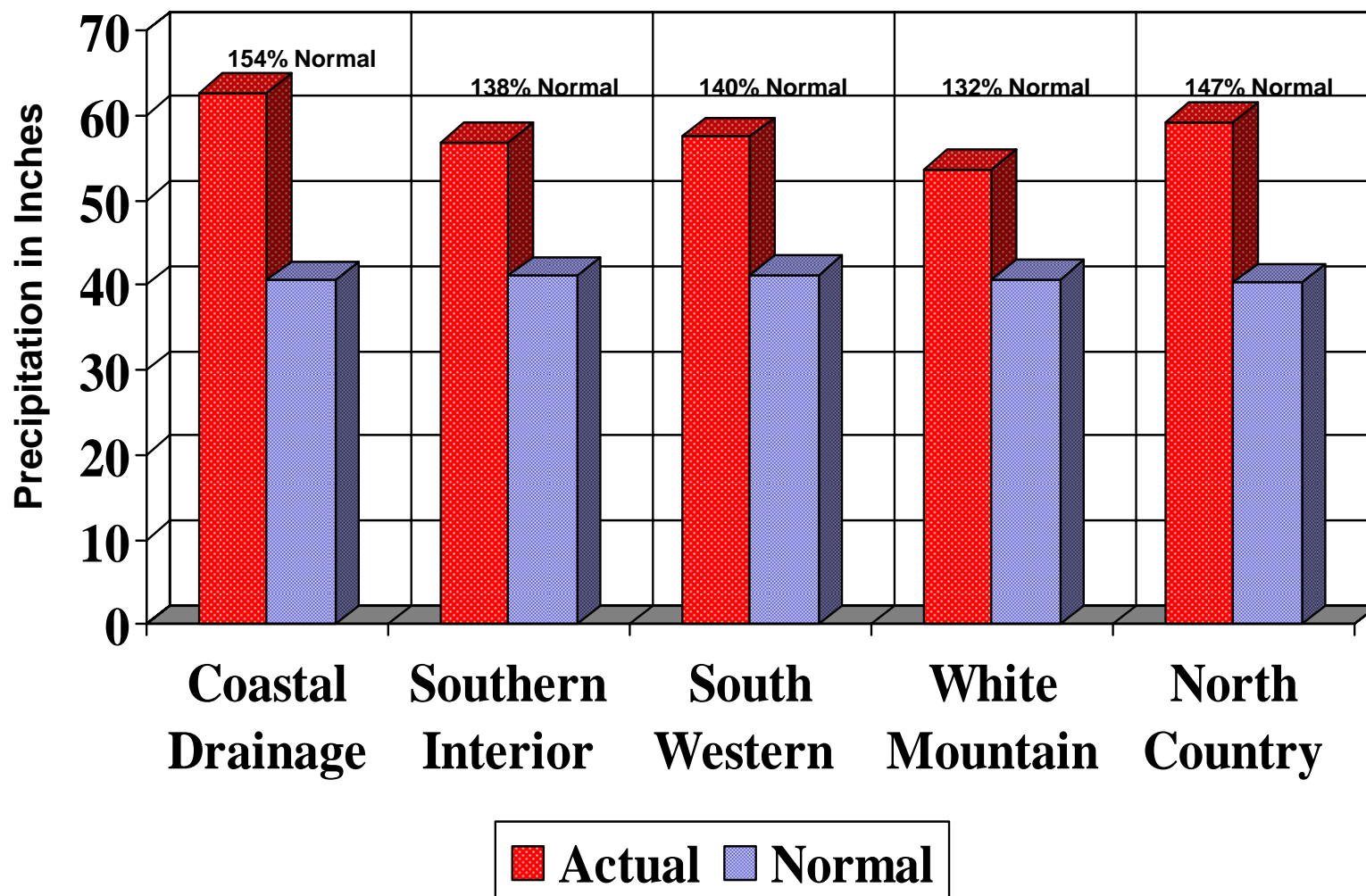
Source: Northeast River Forecast Center, NH Des Dam Bureau

**P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095**

Telephone: (603) 271-3503 • Fax: (603) 271-7894 • TDD Access: Relay NH 1-800-735-2964

DES Web site: [www.des.nh.gov](http://www.des.nh.gov)

# TWELVE MONTH AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS from February 2005 through January 2006



# MONTHLY PRECIPITATION DATA FOR N.H COUNTIES



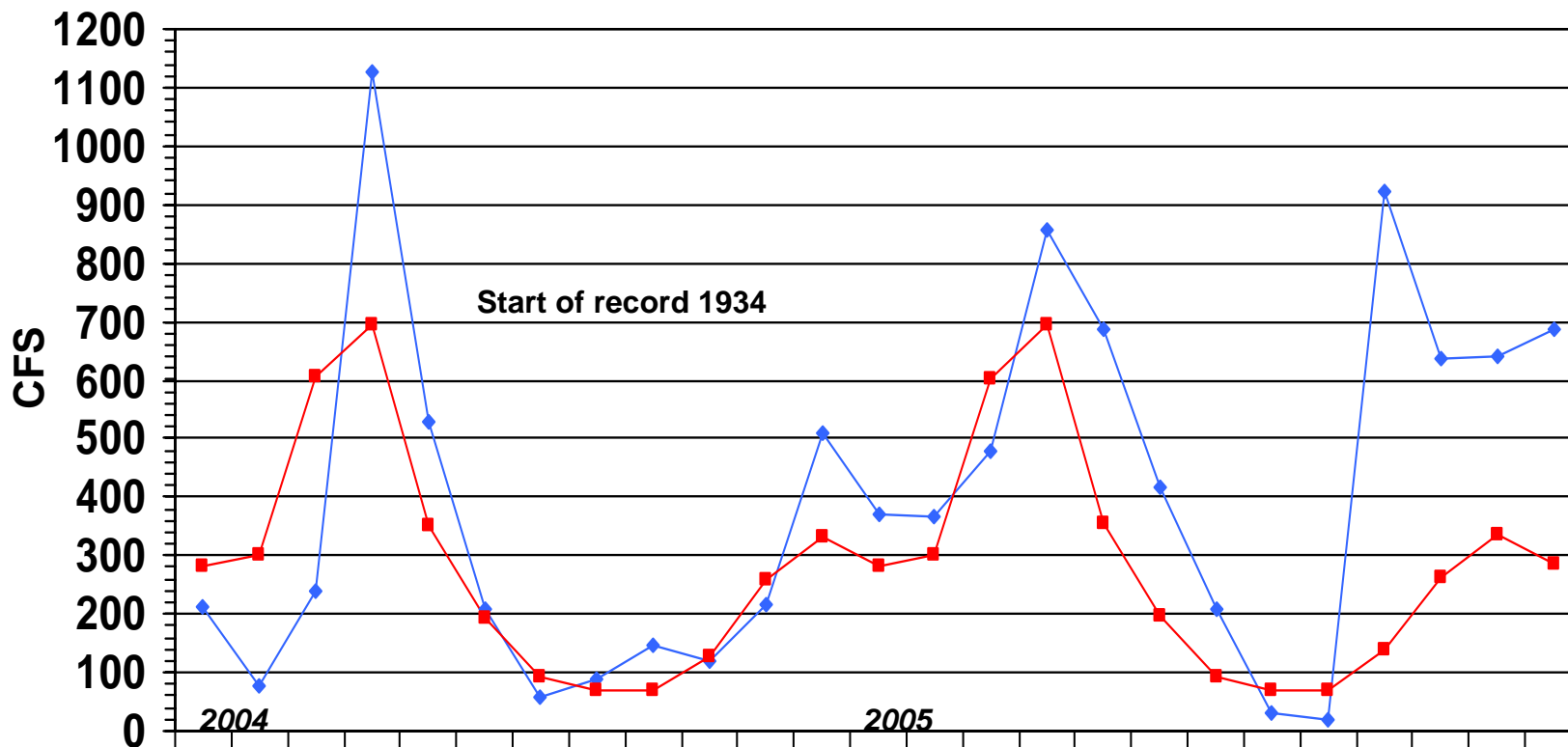
		2005 FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	2006 JAN
<u>Coastal drainage</u>													
STRAFFORD	actual	3.05	4.72	5.45	7.21	4.24	3.24	1.98	2.92	15.92	4.94	5.80	5.67
	normal	2.72	3.20	3.40	3.28	3.04	3.12	3.28	3.44	3.48	4.12	3.76	3.12
	deviation	0.33	1.52	2.05	3.93	1.20	0.12	-1.30	-0.52	12.44	0.82	2.04	2.55
ROCKINGHAM	actual	2.82	4.62	5.05	6.28	3.79	3.13	3.33	2.67	14.77	4.68	4.74	4.22
	normal	2.84	3.40	3.44	3.40	3.12	3.20	3.44	3.40	3.56	4.24	3.92	3.32
	deviation	-0.02	1.22	1.61	2.88	0.67	-0.07	-0.11	-0.73	11.21	0.44	0.82	0.90
Average	actual	2.94	4.67	5.25	6.75	4.02	3.19	2.66	2.80	15.35	4.81	5.27	4.95
	normal	2.78	3.30	3.42	3.34	3.08	3.16	3.36	3.42	3.52	4.18	3.84	3.22
	deviation	0.16	1.37	1.83	3.41	0.94	0.03	-0.71	-0.63	11.83	0.63	1.43	1.73
<u>Southern Interior</u>													
HILLSBOROUGH	actual	2.36	4.11	5.08	5.56	2.62	3.59	3.13	2.09	14.39	4.59	4.55	4.46
	normal	3.16	3.88	3.56	3.52	3.36	3.32	3.68	3.60	3.72	4.32	4.16	3.60
	deviation	-0.80	0.23	1.52	2.04	-0.74	0.27	-0.55	-1.51	10.67	0.27	0.39	0.86
MERRIMACK	actual	2.70	3.72	5.16	5.06	3.87	3.64	2.52	3.18	15.05	4.99	4.56	4.29
	normal	2.84	3.40	3.36	3.36	3.20	3.28	3.44	3.36	3.44	4.00	3.92	3.16
	deviation	-0.14	0.32	1.80	1.70	0.67	0.36	-0.92	-0.18	11.61	0.99	0.64	1.13
BELKNAP	actual	2.27	2.53	4.69	5.05	4.46	3.08	2.38	3.47	13.71	4.02	5.14	4.26
	normal	2.44	2.92	3.24	3.28	3.16	3.44	3.28	3.36	3.28	3.80	3.48	2.92
	deviation	-0.17	-0.39	1.45	1.77	1.30	-0.36	-0.90	0.11	10.43	0.22	1.66	1.34
Average	actual	2.44	3.45	4.98	5.22	3.65	3.44	2.68	2.91	14.38	4.53	4.75	4.34
	normal	2.81	3.40	3.39	3.39	3.24	3.35	3.47	3.44	3.48	4.04	3.85	3.23
	deviation	-0.37	0.05	1.59	1.84	0.41	0.09	-0.79	-0.53	10.90	0.49	0.90	1.11
<u>South Western</u>													
CHESHIRE	actual	1.95	3.98	4.68	3.99	5.34	5.05	2.99	2.86	15.86	4.87	4.81	4.10
	normal	2.80	3.48	3.40	3.44	3.44	3.28	3.68	3.52	3.36	3.84	3.76	3.28
	deviation	-0.85	0.50	1.28	0.55	1.90	1.77	-0.69	-0.66	12.50	1.03	1.05	0.82
SULLIVAN	actual	2.19	3.06	4.49	3.66	3.73	2.62	3.73	2.92	15.20	5.42	3.76	3.82
	normal	2.80	3.36	3.44	3.56	3.36	3.32	3.64	3.44	3.48	3.84	3.72	3.12
	deviation	-0.61	-0.30	1.05	0.10	0.37	-0.70	0.09	-0.52	11.72	1.58	0.04	0.70
Average	actual	2.07	3.52	4.59	3.83	4.54	3.84	3.36	2.89	15.53	5.15	4.29	3.96
	normal	2.80	3.42	3.42	3.50	3.40	3.30	3.66	3.48	3.42	3.84	3.74	3.20
	deviation	-0.73	0.10	1.17	0.33	1.14	0.54	-0.30	-0.59	12.11	1.31	0.55	0.76
<u>White Mountain</u>													
GRAFTON	actual	1.97	2.53	3.78	3.97	5.42	4.00	4.76	3.85	10.74	4.99	3.61	3.44
	normal	2.60	3.04	3.24	3.56	3.48	3.84	3.64	3.48	3.48	3.76	3.64	2.92
	deviation	-0.63	-0.51	0.54	0.41	1.94	0.16	1.12	0.37	7.26	1.23	-0.03	0.52
CARROLL	actual	2.53	2.13	4.83	5.26	4.09	3.74	3.59	3.20	10.92	4.74	5.11	4.06
	normal	2.60	3.08	3.32	3.48	3.44	3.68	3.48	3.44	3.52	3.92	3.68	3.00
	deviation	-0.07	-0.95	1.51	1.78	0.65	0.06	0.11	-0.24	7.40	0.82	1.43	1.06
Average	actual	2.25	2.33	4.31	4.62	4.76	3.87	4.18	3.53	10.83	4.87	4.36	3.75
	normal	2.60	3.06	3.28	3.52	3.46	3.76	3.56	3.46	3.50	3.84	3.66	2.96
	deviation	-0.35	-0.73	1.03	1.10	1.30	0.11	0.62	0.07	7.33	1.03	0.70	0.79
<u>North Country</u>													
COOS	actual	2.31	3.14	4.45	4.82	5.59	4.99	4.75	4.78	10.90	5.96	4.00	3.54
	normal	2.48	2.76	3.04	3.32	4.16	3.96	4.00	3.40	3.48	3.48	3.44	2.72
	deviation	-0.17	0.38	1.41	1.50	1.43	1.03	0.75	1.38	7.42	2.48	0.56	0.82

# LAMPREY RIVER near NEWMARKET NH

## Gage# 01073500



### MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



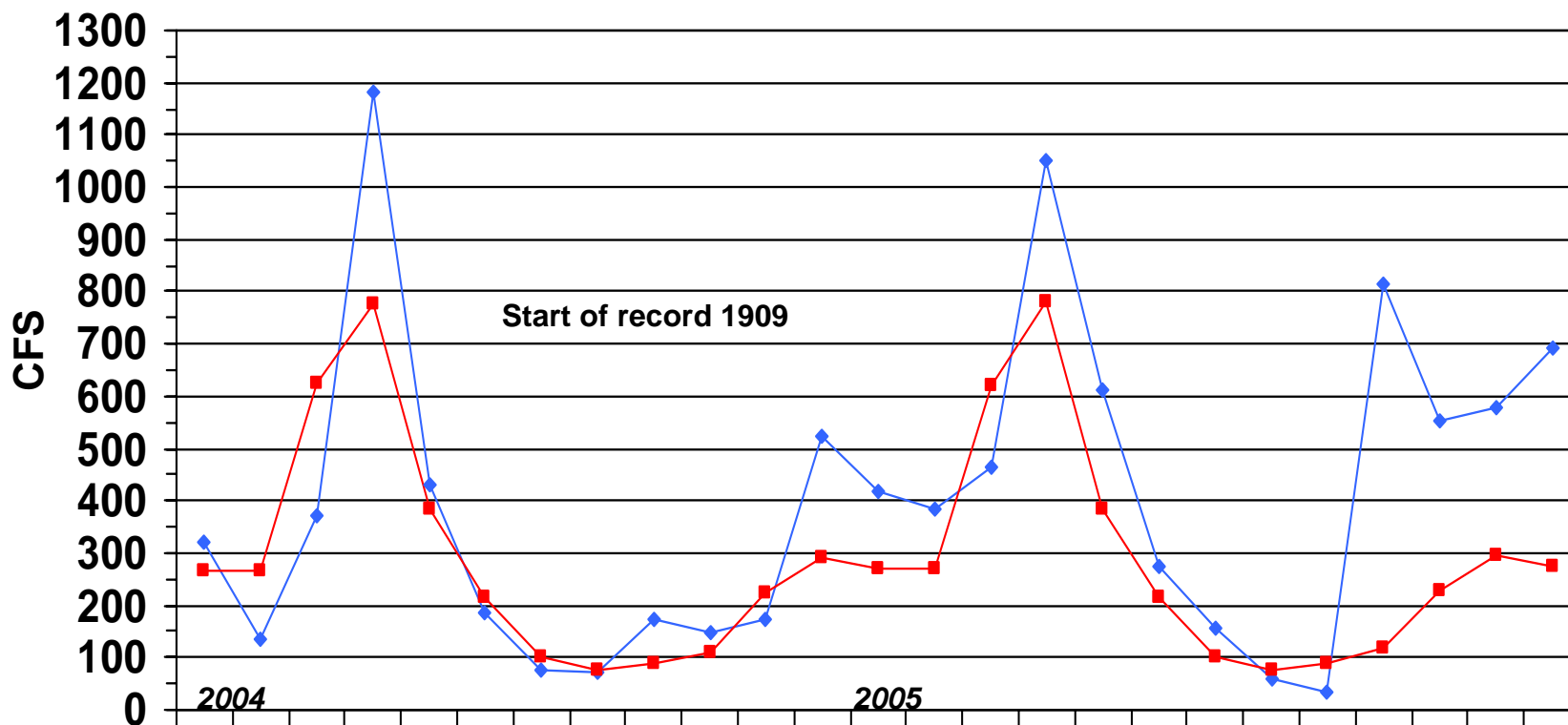
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Monthly Mean Flow	212	79	241	1125	529	207	56	89	145	119	217	508	369	368	477	857	685	415	209	29	18	923	638	639	685
Mean of Monthly Flow s	281	300	605	694	351	192	91	71	71	128	259	333	282	301	603	696	355	195	93	70	70	139	264	337	287
% of Normal	75%	26%	40%	162%	151%	108%	62%	125%	204%	93%	84%	153%	131%	123%	79%	123%	193%	213%	255%	41%	26%	664%	242%	190%	239%

# SOUHEGAN RIVER at MERRIMACK NH

Gage# 01094000



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

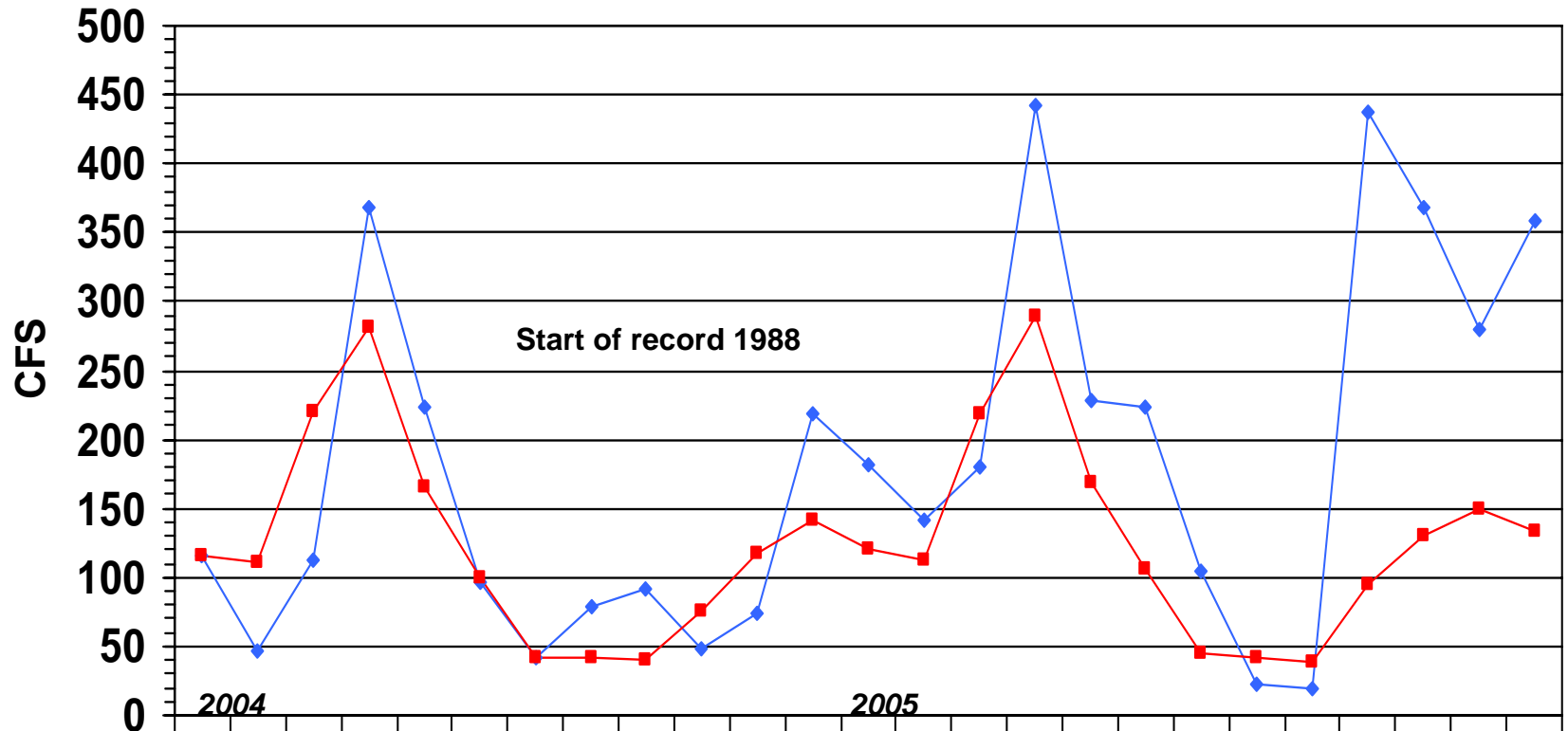


	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Monthly Mean Flow	319	137	371	1181	430	184	76	71	173	146	171	525	419	386	464	1049	613	276	158	61	32	814	551	580	693
Mean of Monthly Flows	268	268	624	776	382	214	100	78	89	108	224	292	270	270	622	780	385	215	101	78	88	118	228	296	276
% of Normal	119%	51%	59%	152%	112%	81%	65%	79%	194%	135%	76%	180%	155%	143%	75%	134%	159%	128%	156%	78%	36%	690%	242%	196%	251%

# SOUCOOK RIVER at PEMBROKE ROAD near CONCORD NH, Gage# 01089100



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



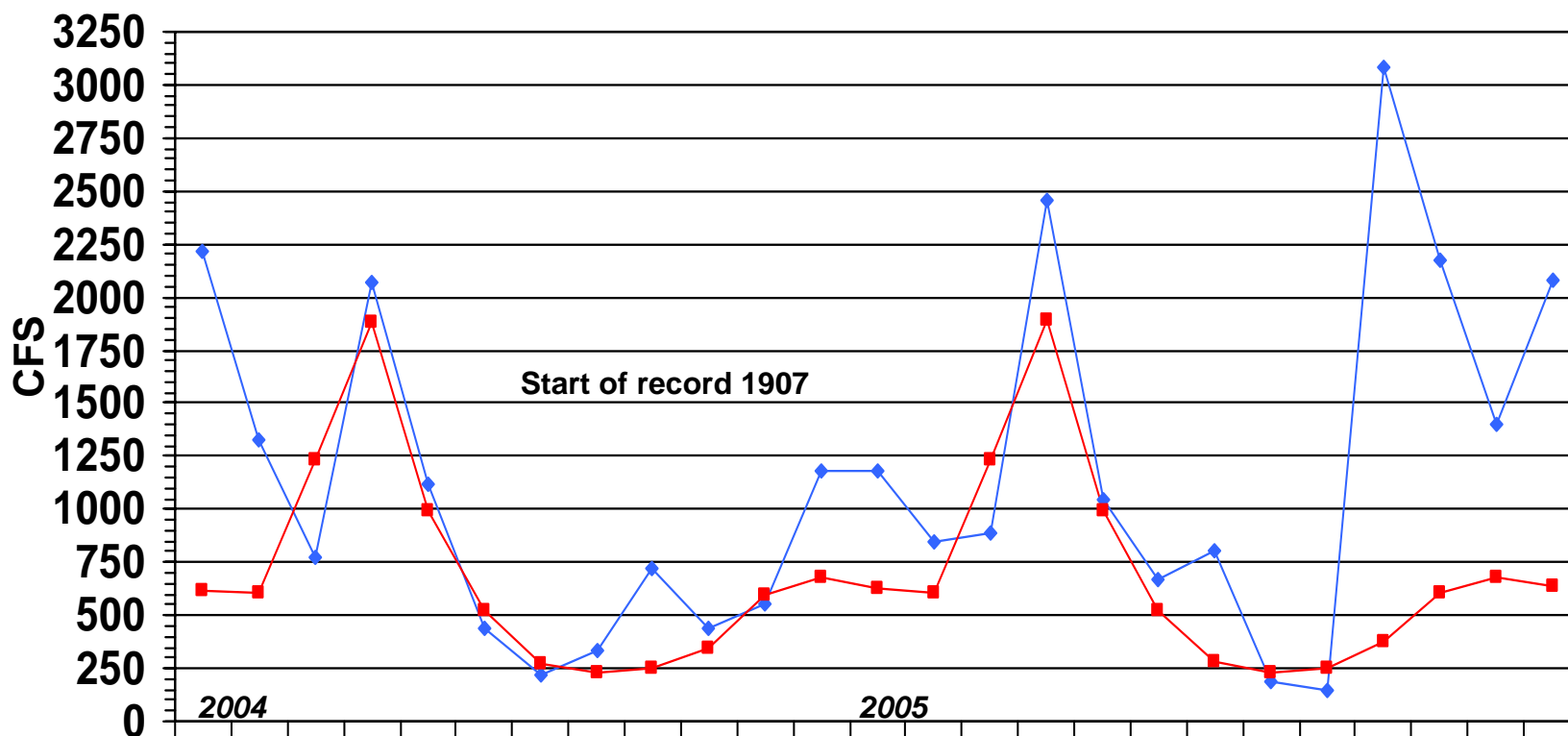
	2004												2005												
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
◆ Monthly Mean Flow	115	47	112	368	224	97	42	79	91	49	74	218	181	141	180	442	229	224	104	22	19	438	368	280	359
■ Mean of Monthly Flow s	116	111	221	281	165	99	41	42	40	75	117	142	120	113	219	290	169	106	45	41	39	95	131	150	133
% of Normal	99%	42%	51%	133%	136%	98%	102%	188%	228%	65%	63%	149%	143%	125%	84%	152%	137%	115%	231%	54%	49%	461%	281%	187%	270%

# ASHUELOT RIVER at HINSDALE NH

Gage# 01161000



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



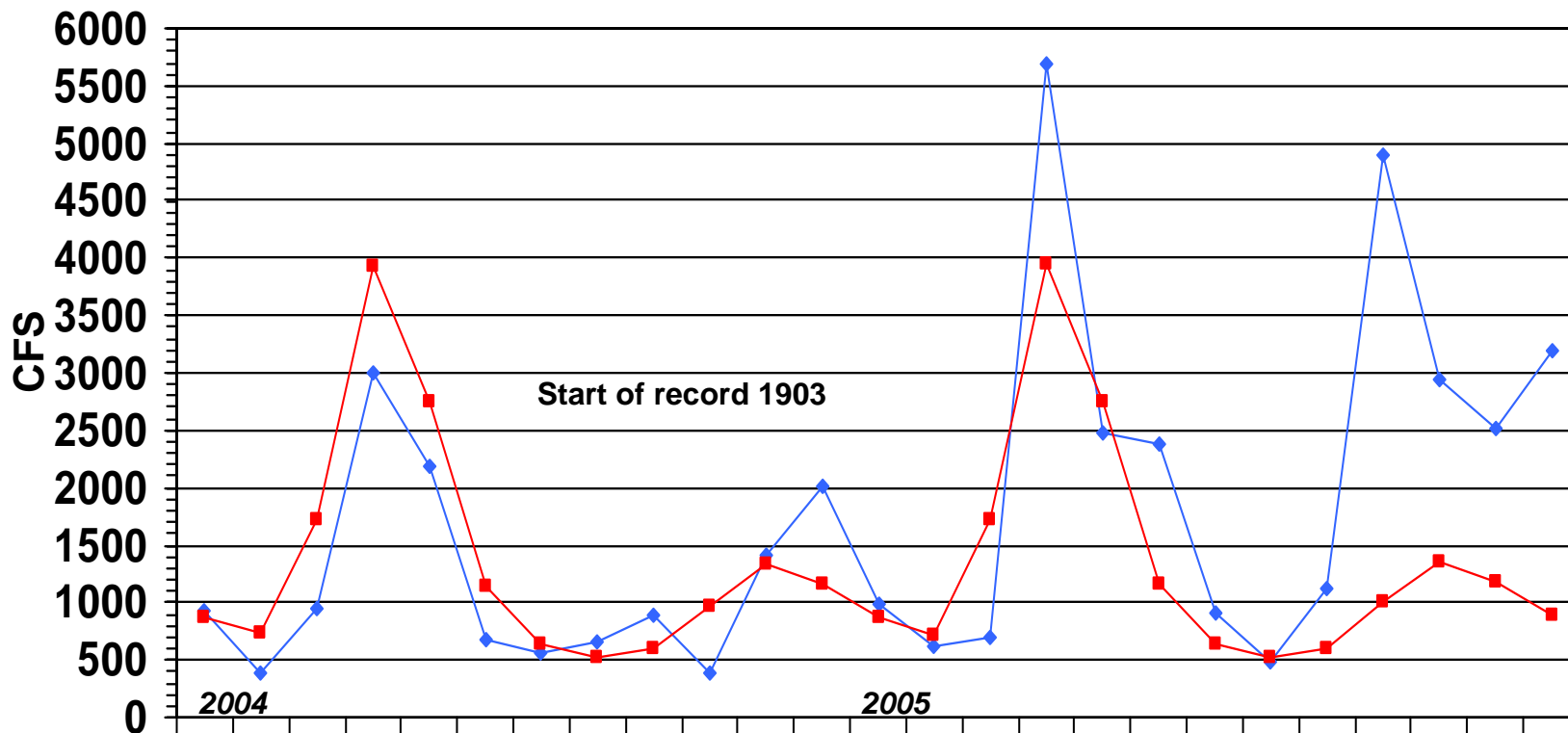
	2004												2005												
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
◆ Monthly Mean Flow	2220	1324	769	2072	1122	437	224	334	721	434	554	1185	1182	850	890	2454	1048	671	802	190	145	3088	2171	1396	2082
■ Mean of Monthly Flow s	618	608	1236	1882	991	523	274	230	249	350	593	675	624	610	1232	1888	991	524	279	230	247	378	610	683	640
% of Normal	359%	218%	62%	110%	113%	84%	82%	145%	290%	117%	80%	170%	184%	139%	72%	130%	106%	128%	287%	83%	59%	817%	356%	204%	325%

# PEMIGEWASSET RIVER at PLYMOUTH NH

Gage# 01076500



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Monthly Mean Flow	936	380	949	3009	2191	681	563	654	890	393	1416	2014	986	614	702	5697	2472	2380	901	475	1114	4888	2948	2512	3189
Mean of Monthly Flow s	869	726	1728	3924	2756	1147	634	515	598	964	1342	1161	870	725	1718	3941	2754	1159	637	514	603	1002	1358	1174	892
% of Normal	108%	52%	55%	77%	79%	59%	89%	127%	149%	41%	106%	173%	113%	85%	41%	145%	90%	205%	142%	92%	185%	488%	217%	214%	358%



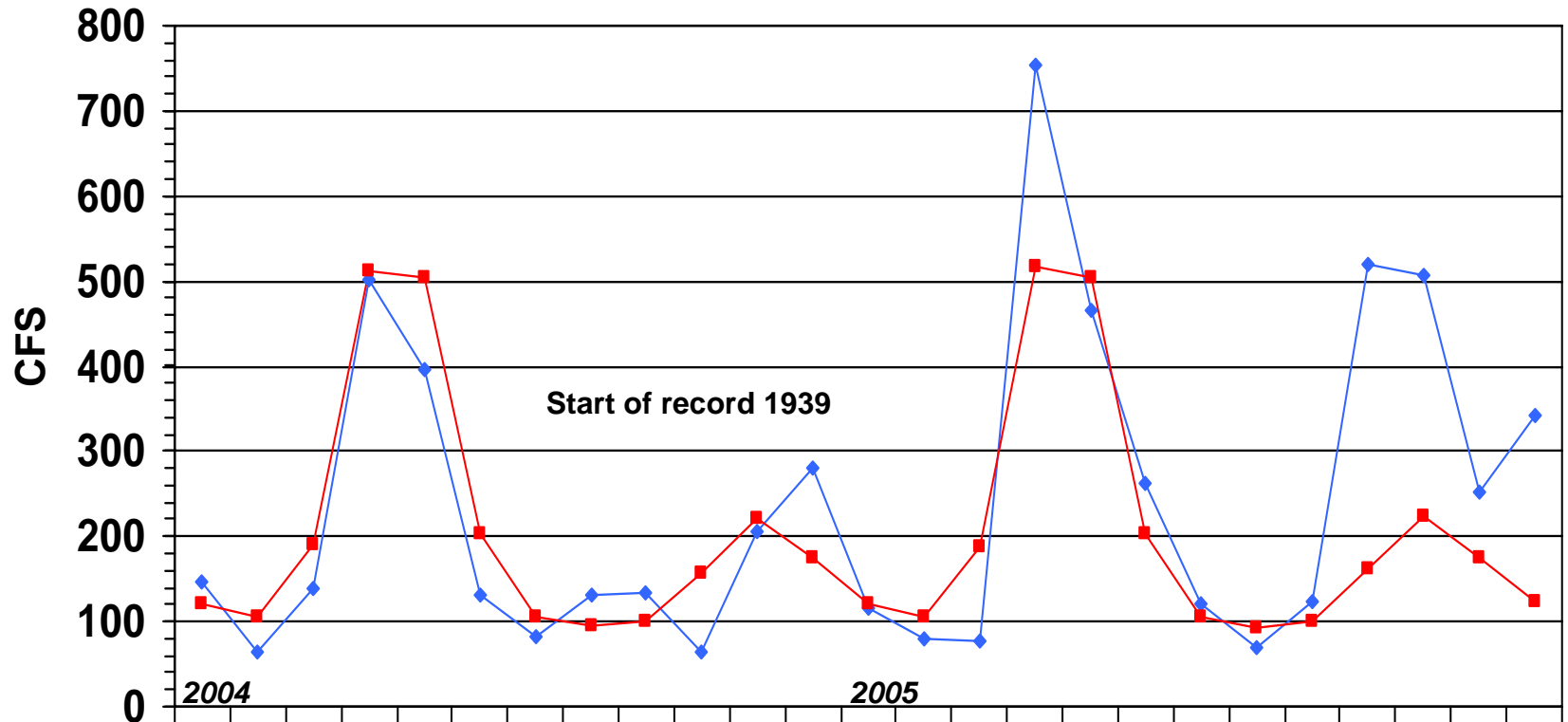
# AMMONOOSUC RIVER at BETHLEHEM JUNCTION NH

**Gage# 01137500**



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

This station replaces gage# 01137000 which was discontinued by DES at the end of Sept 2004



	2004												2005												
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Monthly Mean Flow	146	64	138	501	397	131	82	130	135	64	207	281	117	80	77	753	465	262	120	70	123	520	507	252	341
Mean of Monthly Flow s	120	105	190	513	503	203	105	94	100	157	221	174	120	105	188	516	503	204	105	93	100	162	225	175	123
% of Normal	122%	61%	73%	98%	79%	65%	78%	138%	135%	41%	94%	161%	98%	76%	41%	146%	92%	128%	114%	75%	123%	321%	225%	144%	277%

# STREAMFLOW DATA FOR SELECTED NH STATIONS AS OF FEBRUARY 6, 2006



Station number	Station name	Est. Mean Flow (cfs)	Long Term Median Flow	99% Flow (cfs)	7Q10 Flow (cfs)	Lowest Period of Record Daily Flow (cfs)	% of Median	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
<b>Androscoggin River Basin</b>										
01052500	Diamond River near Wentworth Location, NH	Ice	81	22	16	6.8	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01053500	Androscoggin River at Errol, NH	3,550	1,770	500	451	0	201%	FALSE	FALSE	FALSE
01054000	Androscoggin River near Gorham, NH	4,980	2,039	1300	1310	795	244%	FALSE	FALSE	FALSE
<b>Saco River Basin</b>										
01064500	Saco River near Conway, NH	Ice	315	105	97	66	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01064801	BEARCAMP RIVER AT SOUTH TAMWORTH, NH	Ice	53	6	4.8	4.5	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>Piscataqua River Basin</b>										
01072800	COCHECO RIVER NEAR ROCHESTER, NH	1,070	73	--	--	2.2	1466%			FALSE
01073500	LAMPREY RIVER NEAR NEWMARKET, NH	1,530	199	7	5	--	769%	FALSE	FALSE	
<b>Merrimack River Basin</b>										
01074520	EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH	348	99	55	49	46	352%	FALSE	FALSE	FALSE
01075000	PEMIGEWASSET RIVER AT WOODSTOCK, NH	1,040	140	65	56	--	743%	FALSE	FALSE	
01076000	BAKER RIVER NEAR RUMNEY, NH	972	82.5	18	15	--	1178%	FALSE	FALSE	
01076500	PEMIGEWASSET RIVER AT PLYMOUTH, NH	Ice	461	130	118	45	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01078000	SMITH RIVER NEAR BRISTOL, NH	Ice	60	7	6.2	2.7	#VALUE!	#VALUE!	#VALUE!	#VALUE!
01081000	WINNIPESAUKEE RIVER AT TILTON, NH	2,340	921	143	136	48	254%	FALSE	FALSE	FALSE
01081500	MERRIMACK RIVER AT FRANKLIN JUNCTION, NH	10,700	1,650	520*	551	--	648%		FALSE	
01082000	CONTOOCOOK RIVER AT PETERBOROUGH, NH	743	72	5.5	6.3	--	1032%	FALSE	FALSE	
01085000	CONTOOCOOK RIVER NEAR HENNIKER, NH	3,290	428	40	37	--	769%	FALSE	FALSE	
01085500	CONTOOCOOK R BL HOPKINTON DAM AT W HOPKINTON, NH	3,920	450	35	39	--	871%	FALSE	FALSE	
01086000	WARNER RIVER AT DAVISVILLE, NH	Ice	135	6	5.3	--	#VALUE!	#VALUE!	#VALUE!	
01087000	BLACKWATER RIVER NEAR WEBSTER, NH	810	111	15.5	13.7	--	730%	FALSE	FALSE	
01090800	PISCATAQUOG RIVER BL EVERETT DAM, NR E WEARE, NH	274	66.5	1.7	1.2	--	412%	FALSE	FALSE	
01091500	PISCATAQUOG RIVER NEAR GOFFSTOWN, NH	1,650	250	8	8.8	--	660%	FALSE	FALSE	
01092000	MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH	23,600	3,600	560*	644	98*	656%		FALSE	
01094000	SOUHEGAN RIVER AT MERRIMACK, NH	1,810	180	15	12.9	--	1006%	FALSE	FALSE	
<b>Connecticut River Basin</b>										
01129200	CONNECTICUT R BELOW INDIAN STREAM NR PITTSBURG, NH	1,050	783		42	30	134%	FALSE	FALSE	FALSE
01129500	CONNECTICUT RIVER AT NORTH STRATFORD, NH	3,960	1,140		176	108	347%	FALSE	FALSE	FALSE
01131500	CONNECTICUT RIVER NEAR DALTON, NH	7,680	1,590		389	115	483%	FALSE	FALSE	FALSE
01137500	AMMONOOSUC RIVER AT BETHLEHEM JUNCTION, NH	436	70		28	21	623%	FALSE	FALSE	FALSE
01138500	CONNECTICUT RIVER AT WELLS RIVER, VT	15,200	3,290		690	152*	462%		FALSE	
01144500	CONNECTICUT RIVER AT WEST LEBANON, NH	25,600	3,715	380*	902	82*	689%		FALSE	
01152500	SUGAR RIVER AT WEST CLAREMONT, NH	2,090	198	40	38	14	1056%	FALSE	FALSE	FALSE
01154500	CONNECTICUT RIVER AT NORTH WALPOLE, NH	40,100	5,785	260*	1058	115*	693%		FALSE	
01158000	ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH	603	96	4.5	2.7	0.4	628%	FALSE	FALSE	FALSE
01158600	OTTER BROOK BELOW OTTER BROOK DAM, NEAR KEENE, NH	476	40	1.6	1.1	0.3	1190%	FALSE	FALSE	FALSE
01160350	ASHUELOT RIVER AT WEST SWANZEY, NH	1,930	269	32	--	--	717%	FALSE		

\*Flow duration and record low mean daily flow significantly affected by reservoir operations

\*\*Estimated

Source: USGS, NH DES

SUMMARY	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
FALSE =	22	26	12
TRUE =	0	0	0

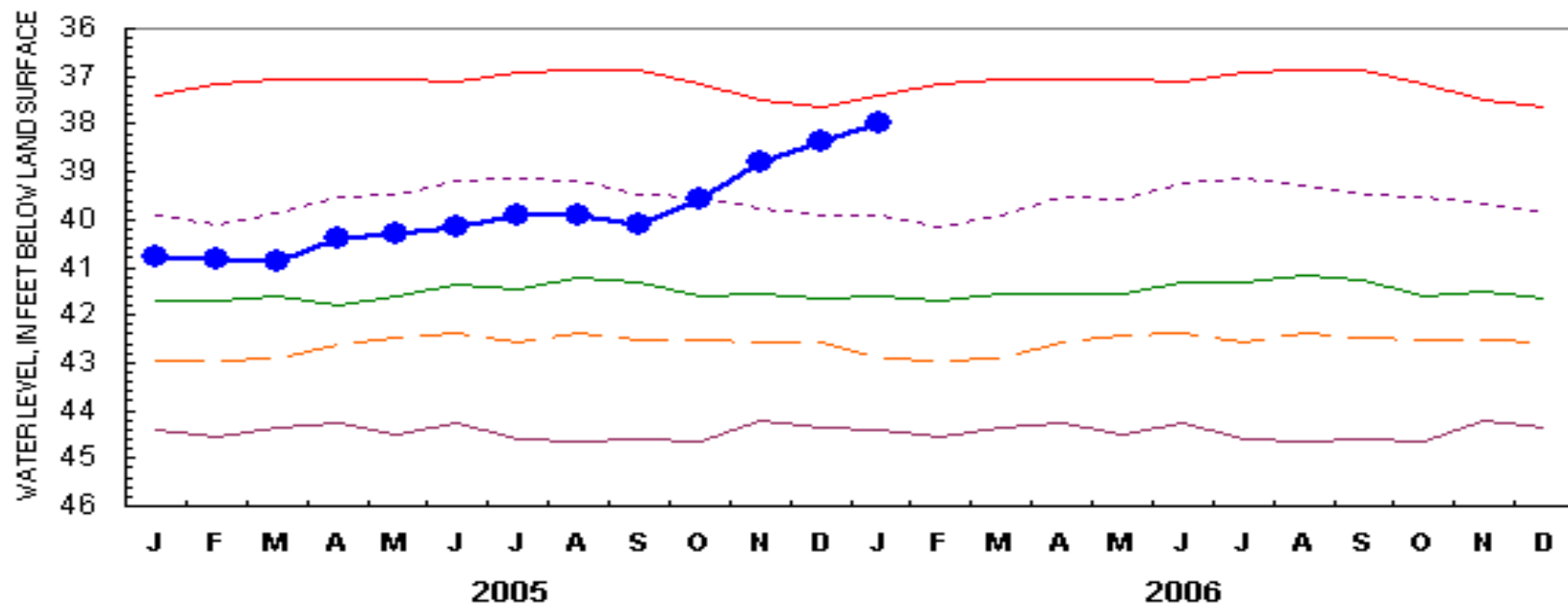
# New Hampshire Groundwater Levels for January 2006



WELL	START OF WATER LEVEL BELOW		NET CHANGE		NET CHANGE		DEPARTURE FROM		PERCENT OF	
	RECORD	SURFACE DATUM (ft)	IN ONE MONTH (ft)	IN ONE YEAR (ft)	MEDIAN	RANGE (ft)	MONTHLY MEDIAN (FT)	RANGE	STATUS	
ALBANY 14	1995	4.34	+1.45	+1.48	6.23	2	+1.89	94.5	ABOVE NORMAL	
ALBANY 15	1995	5.88	+1.92	+1.80	8.20	2.40	+2.32	96.7	ABOVE NORMAL	
BARNSTEAD 10	1995	2.36	+0.27	+0.03	2.82	0.43	+0.46	107.0	ABOVE NORMAL	
CAMPTON 34	1988	11.02	+1.13	+1.32	12.45	1.55	+1.43	92.3	ABOVE NORMAL	
COLEBROOK 73	1995	7.13	+0.15	-0.16	6.91	0.76	-0.22	-28.9	NORMAL	
CONCORD 2	1963	37.96	+0.39	+2.83	41.61	4.21	+3.65	86.7	ABOVE NORMAL	
CONCORD 4	1966	14.74	+1.08	+2.54	18.06	2.57	+3.32	129.2	ABOVE NORMAL	
DEERFIELD 46	1984	37.57	+0.36	+1.19	38.98	1.27	+1.41	111.0	ABOVE NORMAL	
ENFIELD 30	1990	1.80	+1.01	+4.63	6.76	3.22	+4.96	154.0	ABOVE NORMAL	
ERROL 1	1966	12.9	-0.8	---	13.1	1.20	+0.3	22.1	NORMAL	
FRANKLIN 1	1966	7.96	+0.65	+5.34	13.32	4.00	+5.36	134.0	ABOVE NORMAL	
GREENFIELD 75	1995	59.22	+0.33	+3.33	62.60	0.15	+3.38	2253.4	ABOVE NORMAL	
HOOKSETT 5	1965	46.36	+0.21	+1.54	47.90	4.17	+1.54	36.9	ABOVE NORMAL	
KEENE 2	1963	---	---	---	3.50	---	---	---	---	
LANCASTER 1	1966	1.40	+0.10	---	1.52	2.02	+0.12	5.9	NORMAL	
LEE 1	1953	30.05	+0.44	+0.54	31.15	1.81	+1.10	60.8	ABOVE NORMAL	
LISBON 19	1990	11.99	+0.44	-0.34	12.60	2.48	+0.61	24.6	NORMAL	
NASHUA 218	1964	26.31	+0.51	+0.69	28.28	1.28	+1.97	153.9	ABOVE NORMAL	
NEW DURHAM 53	1986	18.41	+0.42	+0.43	19.14	0.60	+0.73	121.7	ABOVE NORMAL	
NEW LONDON 1	1947	4.24	+3.35	+2.61	8.98	4.88	+4.74	97.1	ABOVE NORMAL	
NEWPORT 3	1995	3.68	+1.27	+1.53	5.56	1.44	+1.88	130.6	ABOVE NORMAL	
NEWPORT 6	1995	3.74	+1.31	+1.50	5.51	1.29	+1.77	137.2	ABOVE NORMAL	
OSSIPEE 38	1995	33.63	-0.04	+2.26	35.89	1.29	+2.26	175.2	ABOVE NORMAL	
SHELBURNE 2	1995	4.43	+0.22	+0.28	4.71	4.31	+0.28	6.5	ABOVE NORMAL	
WARNER 1	1965	27.37	+0.26	+2.90	30.73	1.82	+3.36	184.6	ABOVE NORMAL	

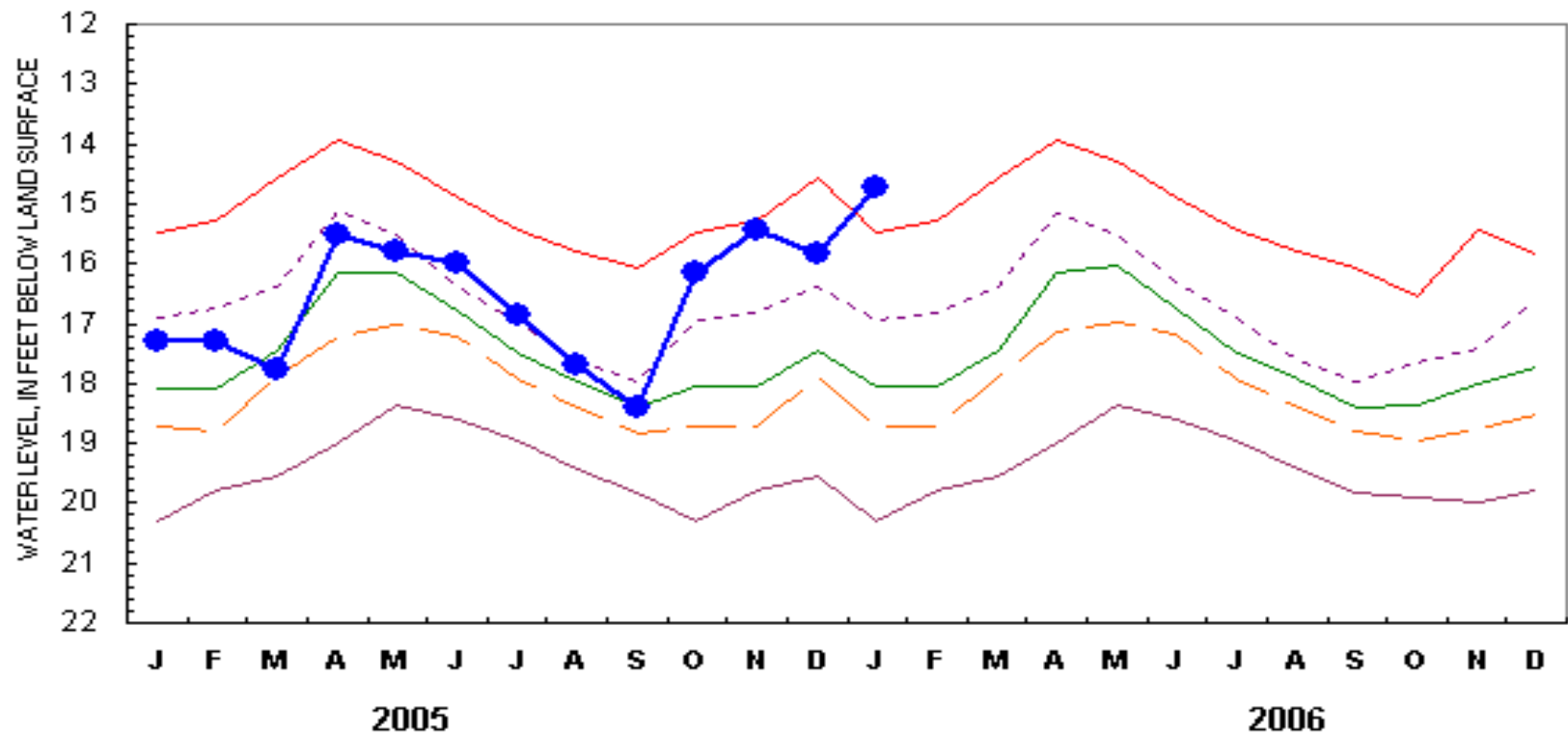
Source: USGS, NH DES

# CONCORD 2 (CVW 2) NH (August 1963 - May 1965, August 1967 - )



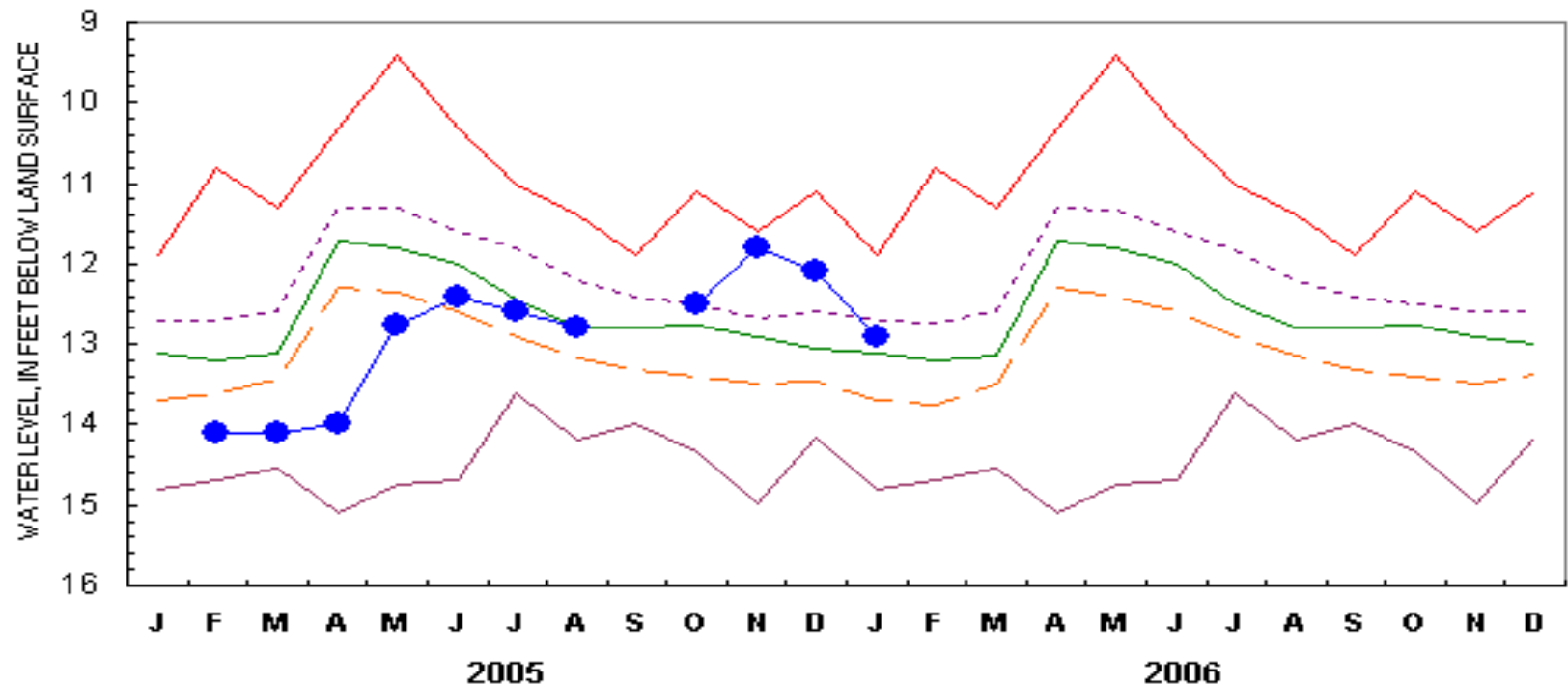
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# CONCORD 4 (CVW 4) NH (November 1966 - )



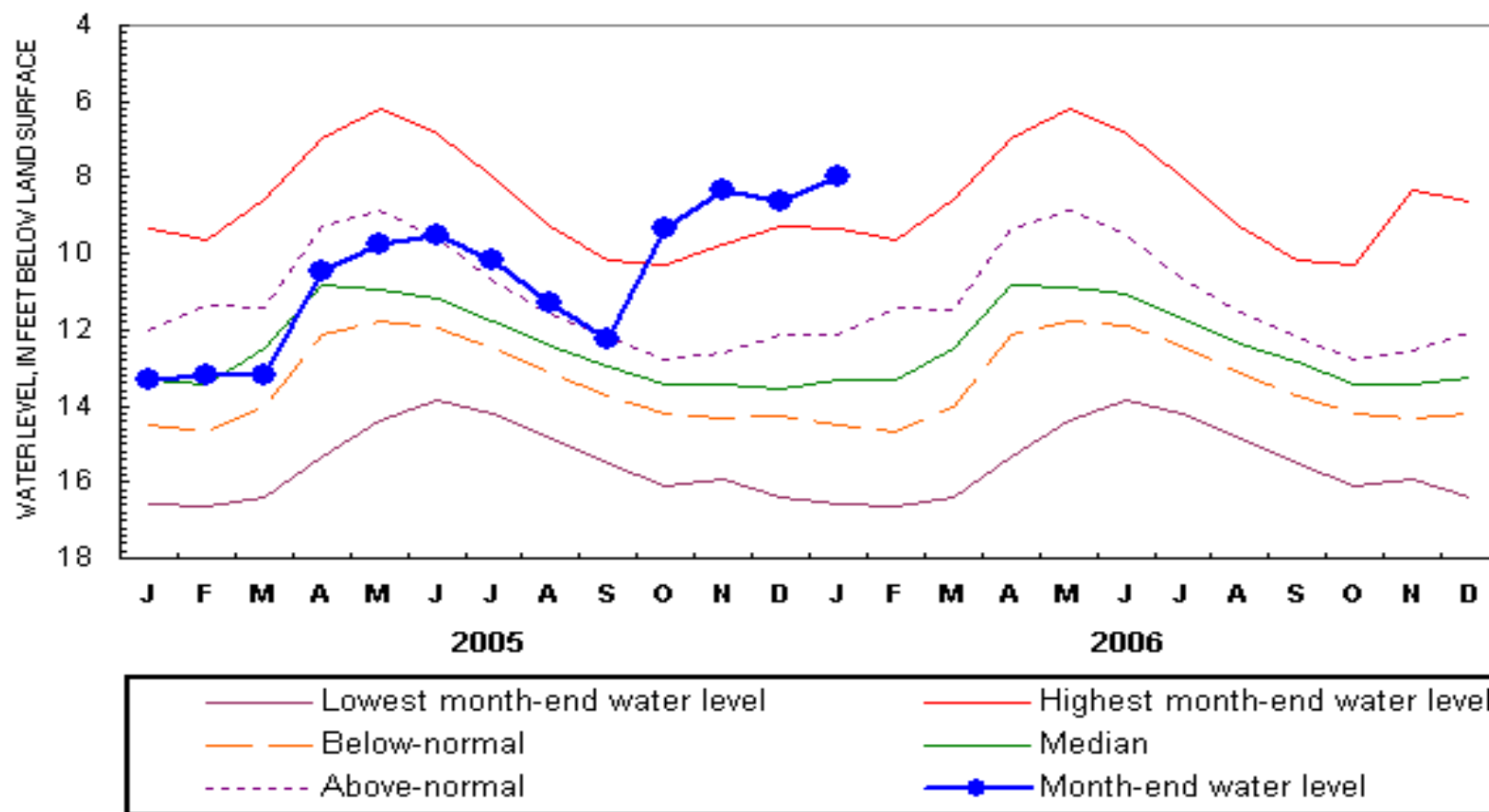
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# ERROL 1 (ETW 1) NH (November 1966 - )



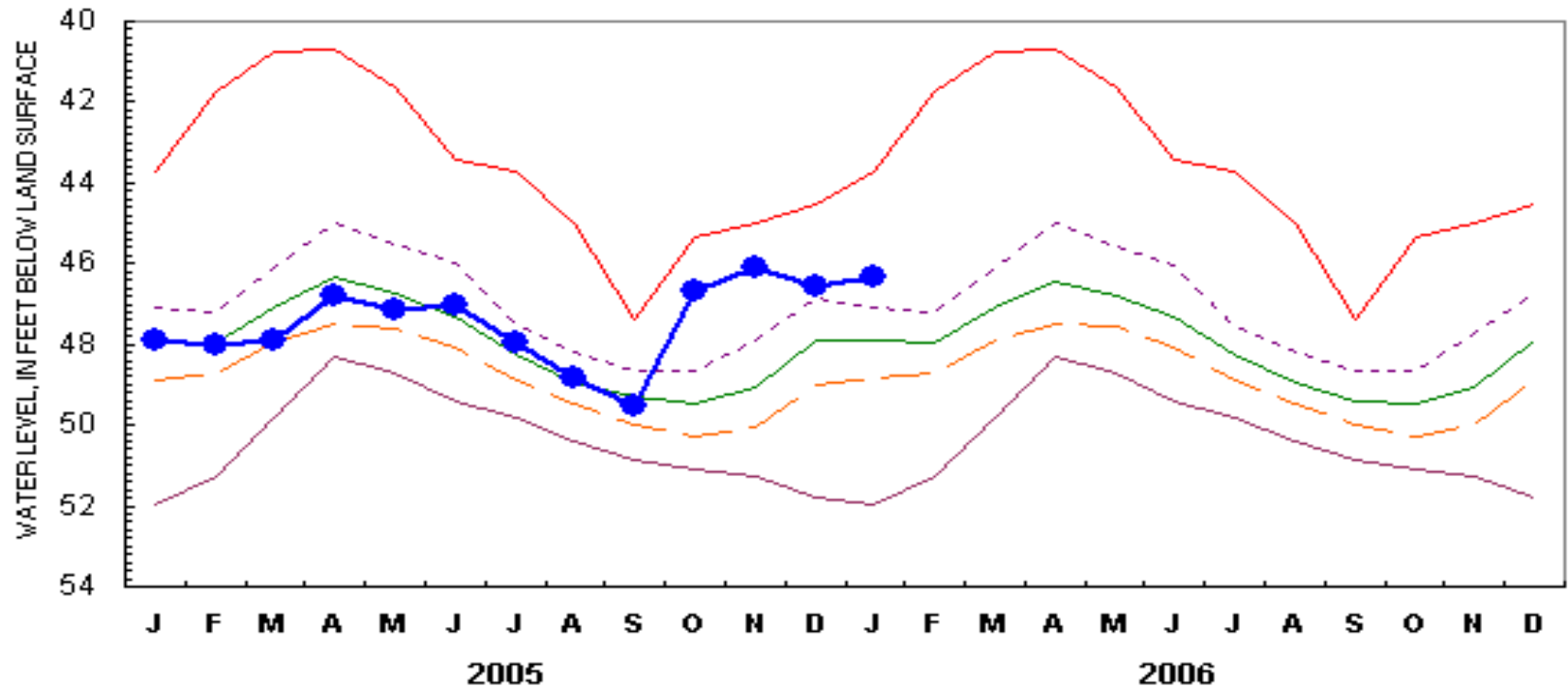
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# FRANKLIN 1 (FKW 1) NH (October 1966 - )



Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

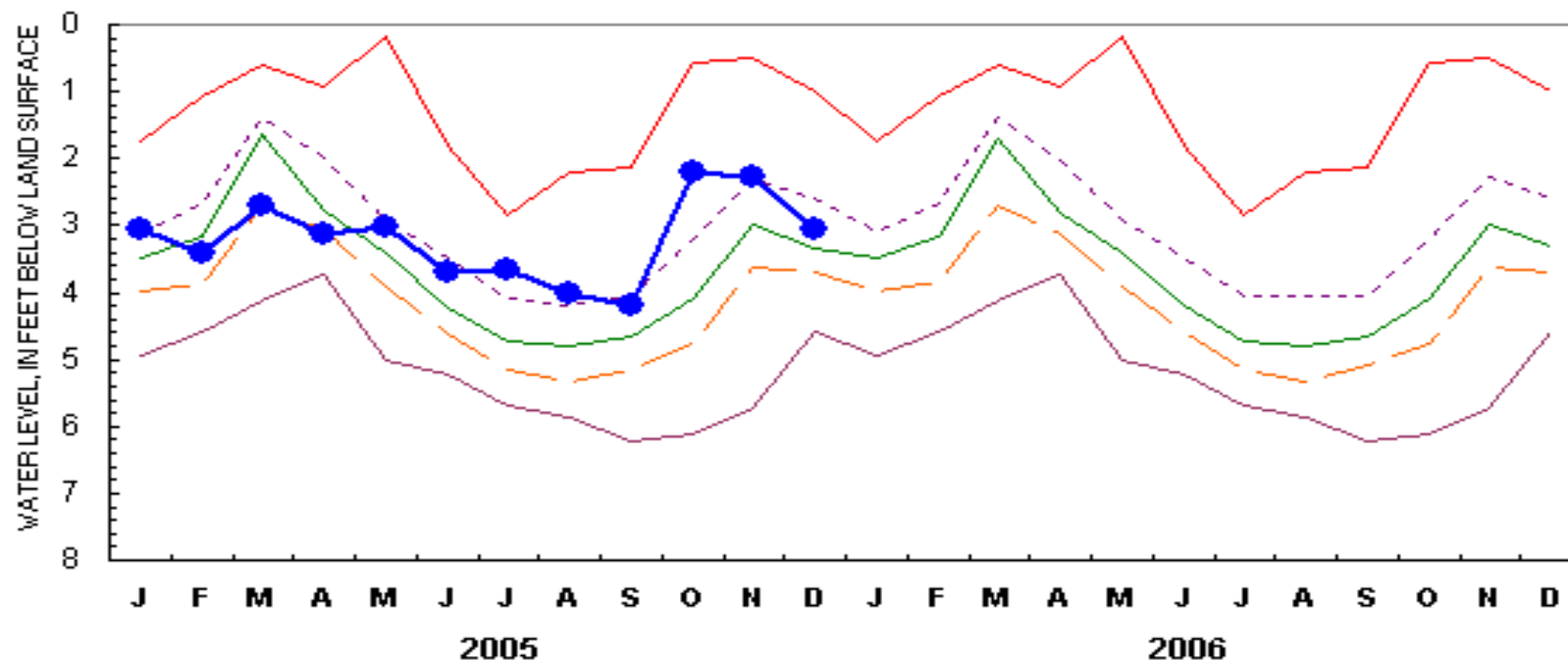
## HOOKSETT 5 (HTW 5) NH (April 1965 - )



Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.



## KEENE 2 (KEW 2) NH (August 1963 - )



— Lowest month-end water level

- - - Below-normal

- - - Above-normal

— Highest month-end water level

— Median

—•— Month-end water level

Highest and lowest month-end water levels are monthly extremes for the period of record

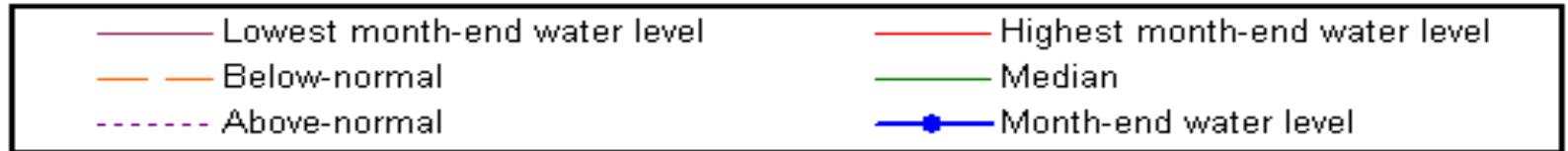
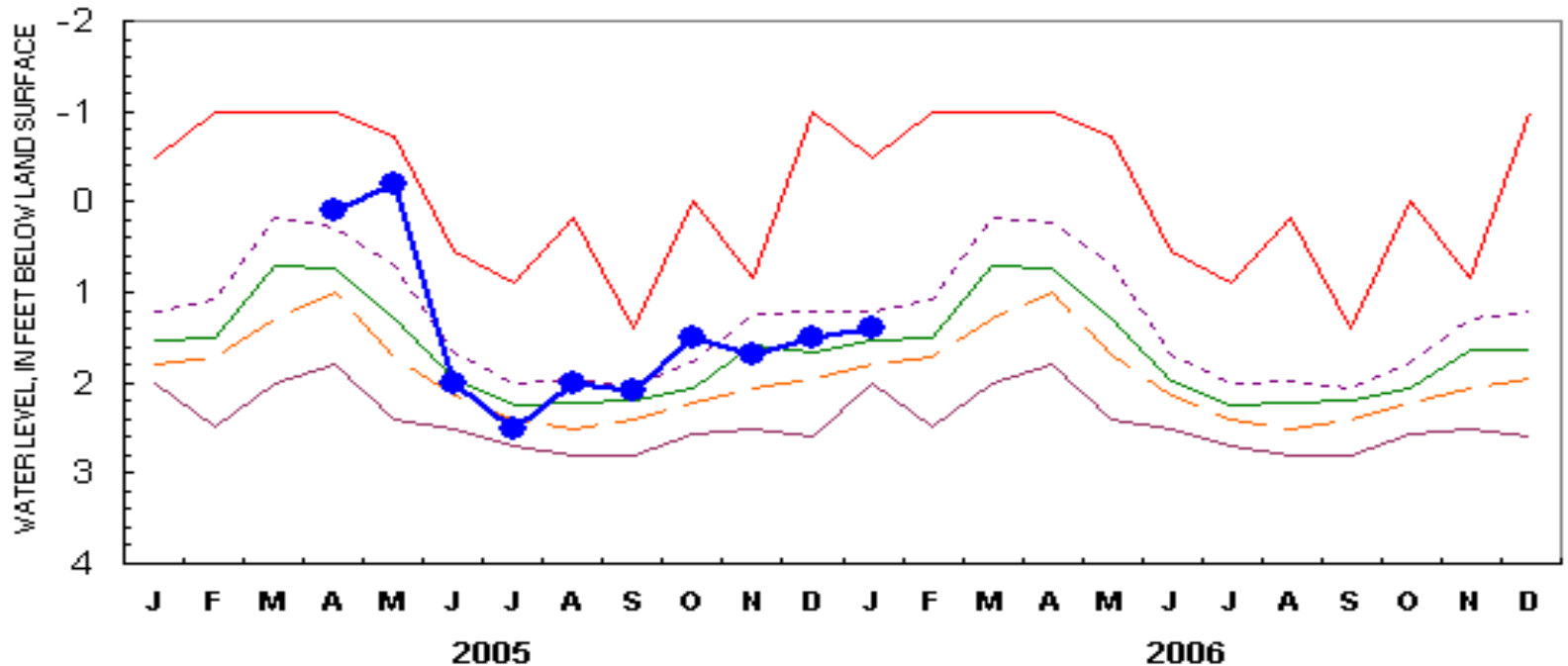
Above-normal is the 75% quartile (25% of month-end water levels were higher)

Below-normal is the 25% quartile (25% of month-end water levels were lower)

Median is the 50% quartile (half of the month-end water levels were higher or lower)

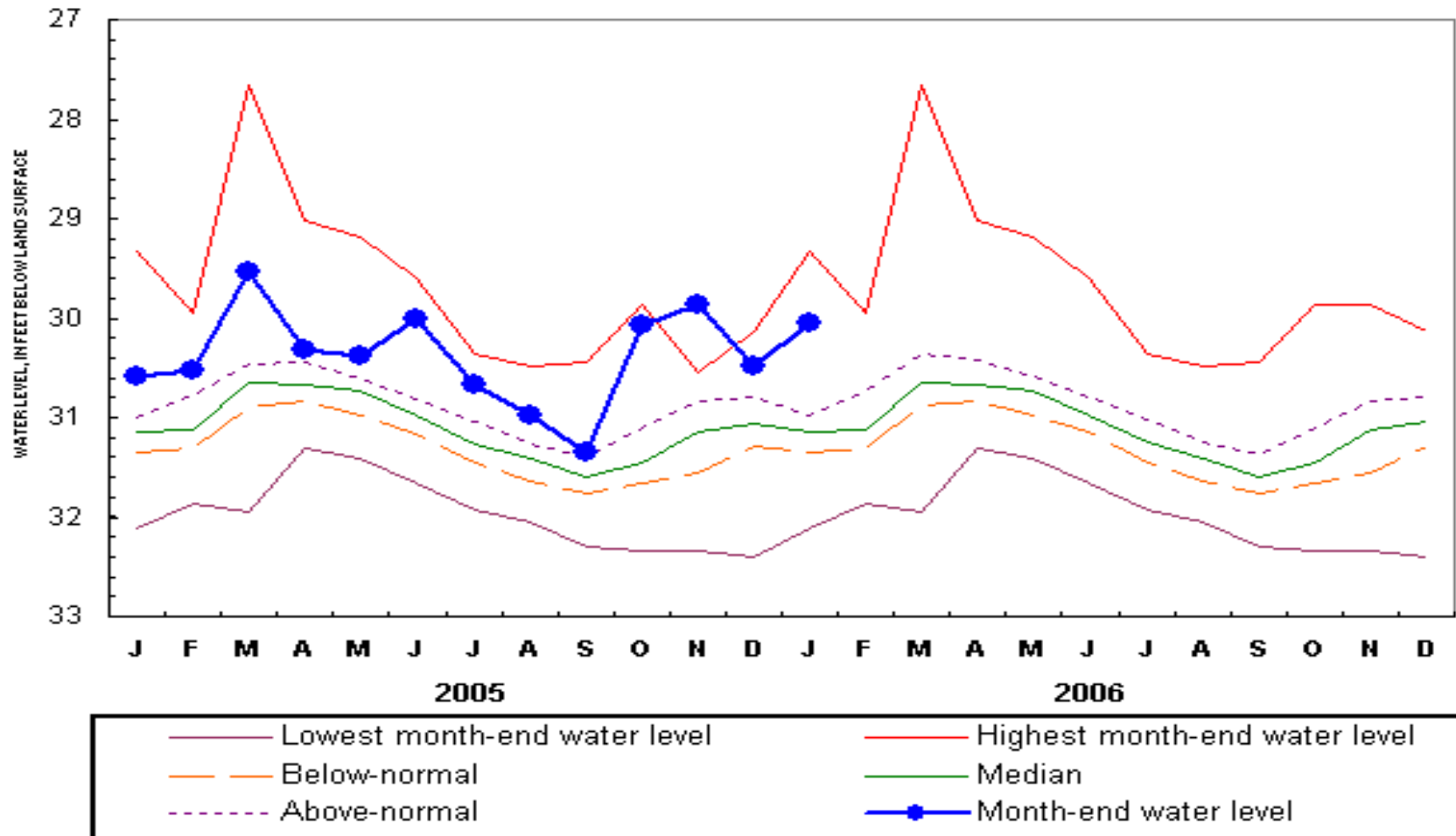
Water levels after September 2003 are provisional and subject to revision.

# LANCASTER 1 (LCW 1) NH (November 1966 - May 1980, April 1981)



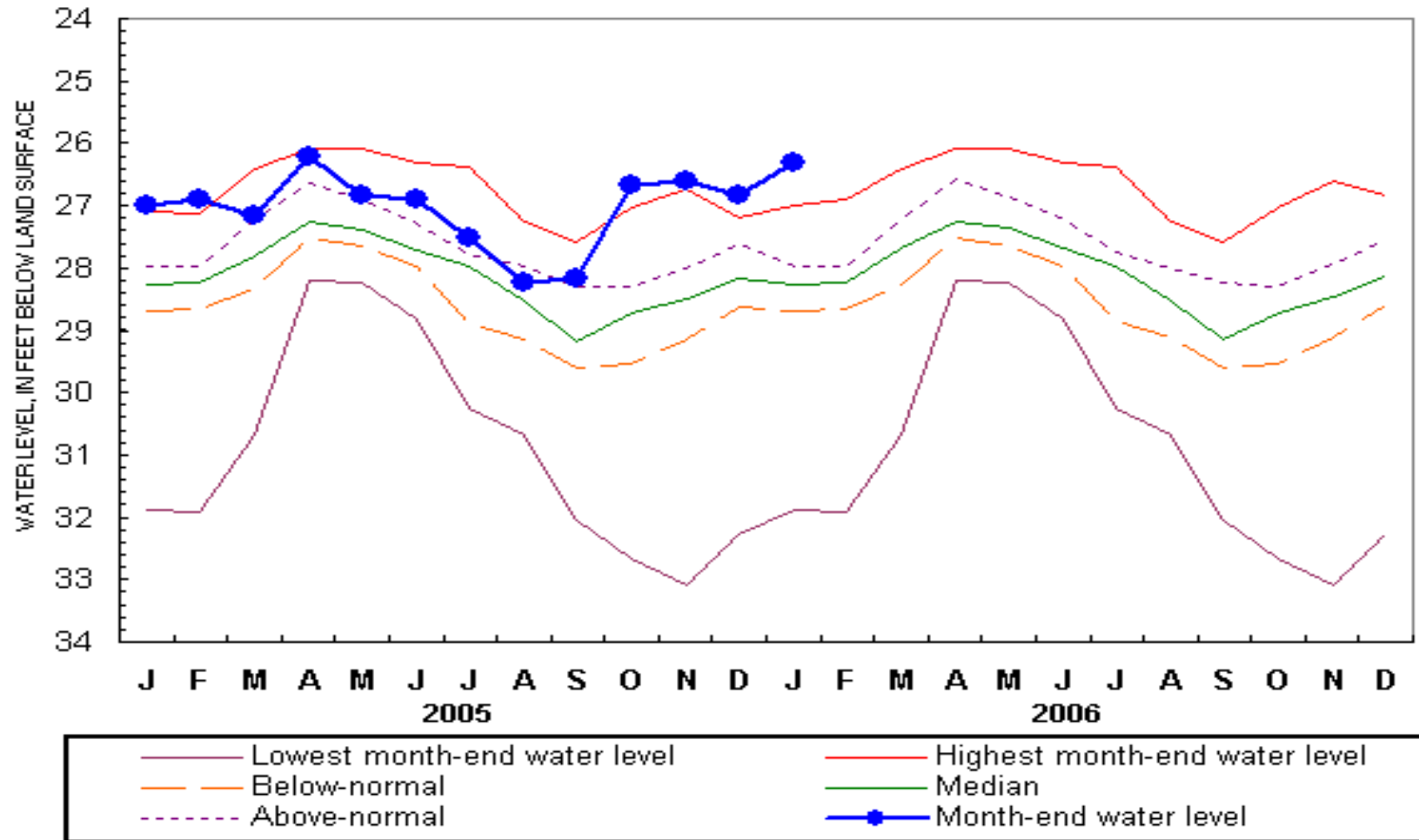
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# LEE 1 (LIW 1) NH (November 1953 - )



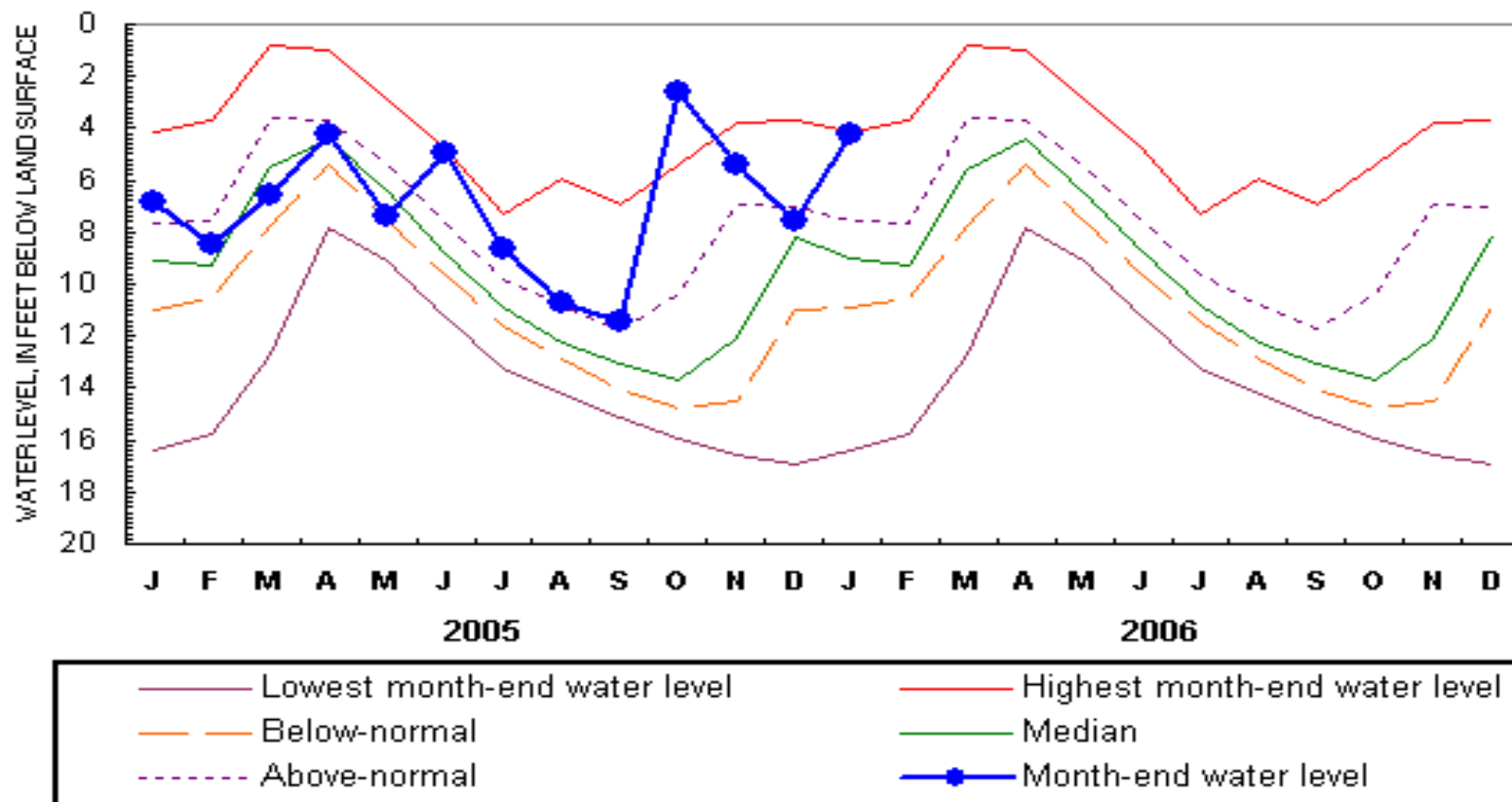
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# NASHUA 218 (NAW 218) NH (October 1964 - )



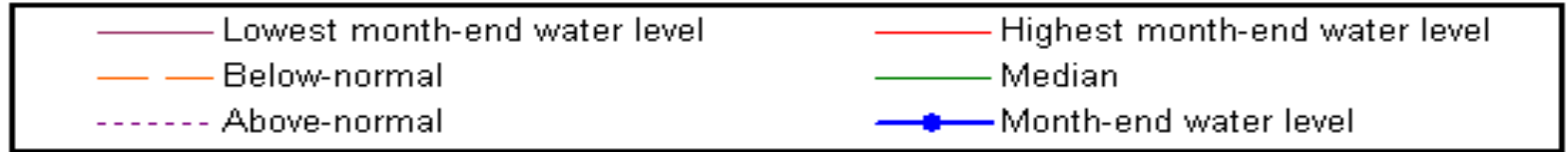
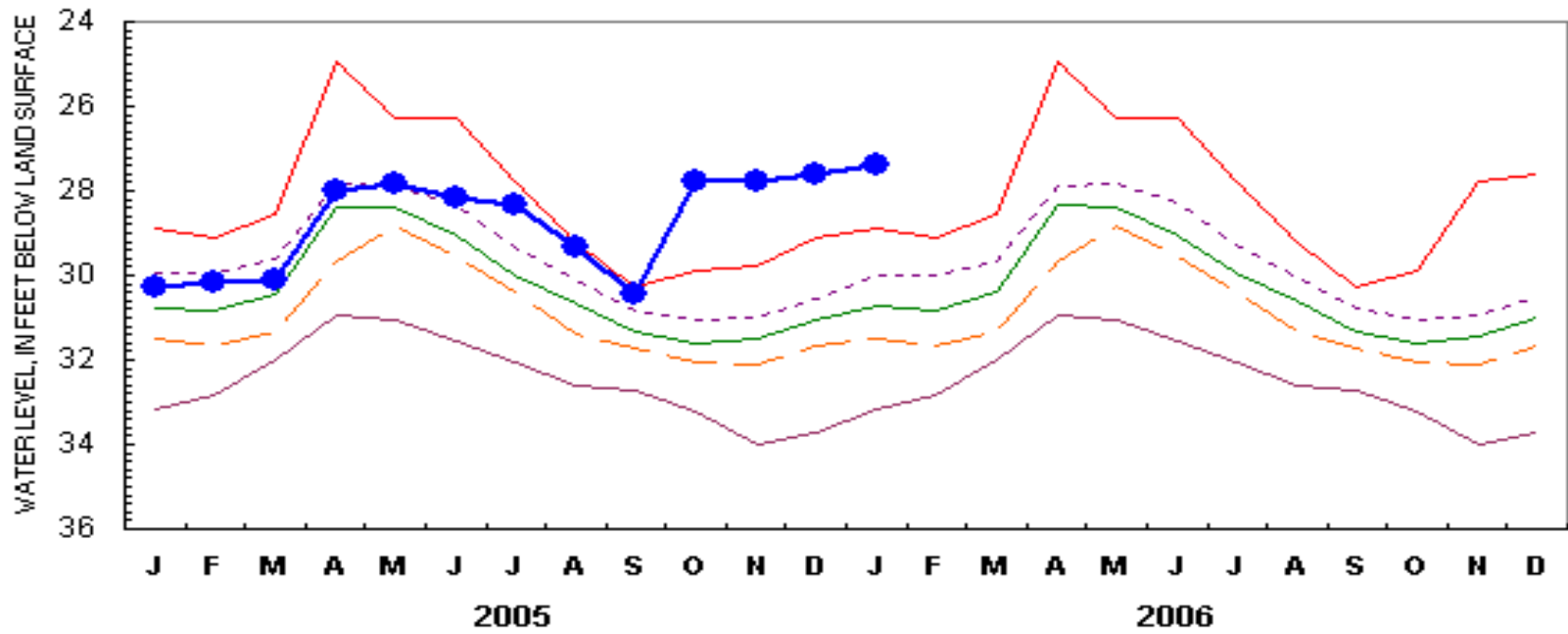
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

## NEW LONDON 1 (NLW 1) NH (October 1947 - )



Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

## WARNER 1 (WCW 1) NH (December 1965 - )

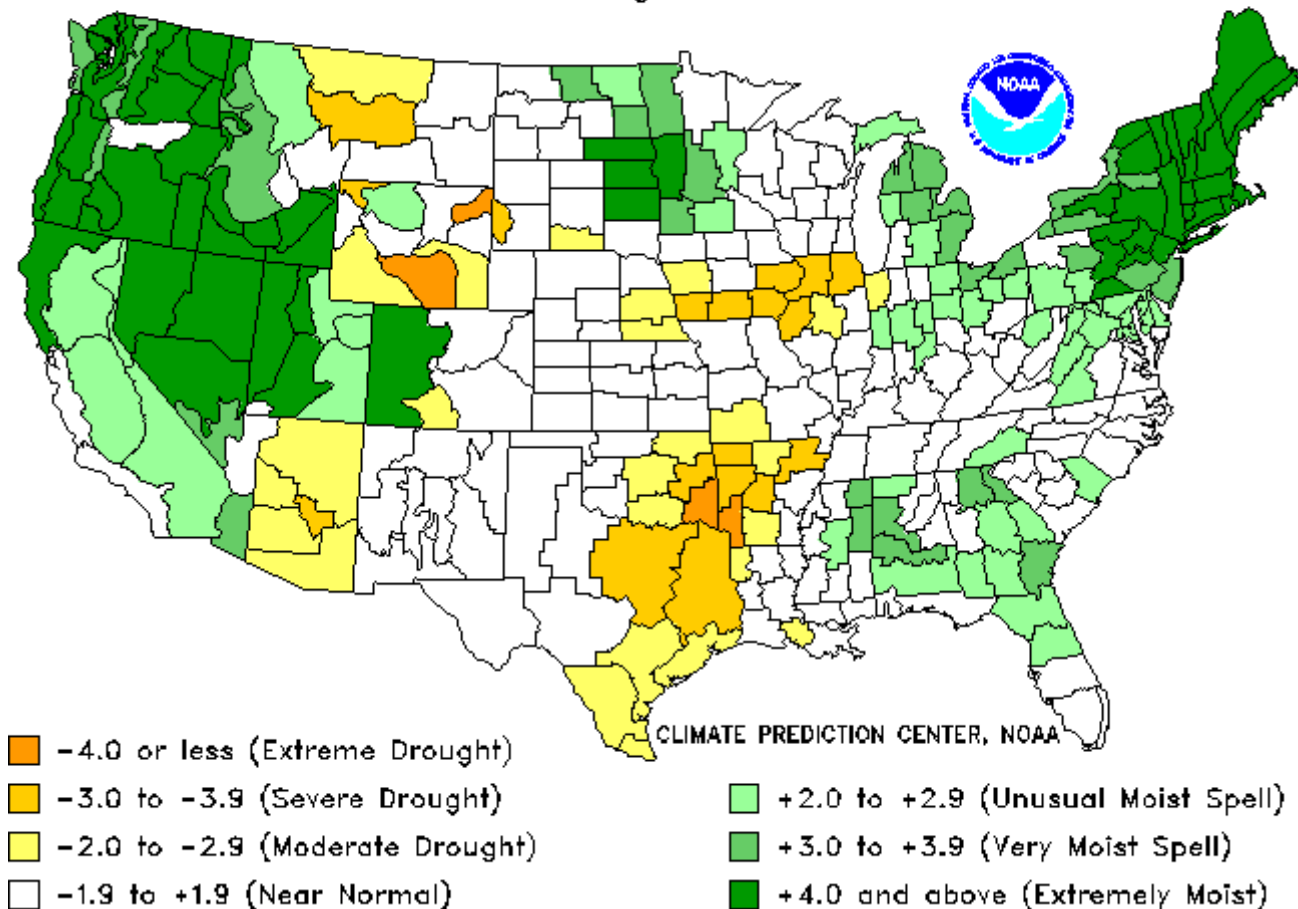


Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

## Drought Severity Index by Division

Weekly Value for Period Ending 4 FEB 2006

Long Term Palmer



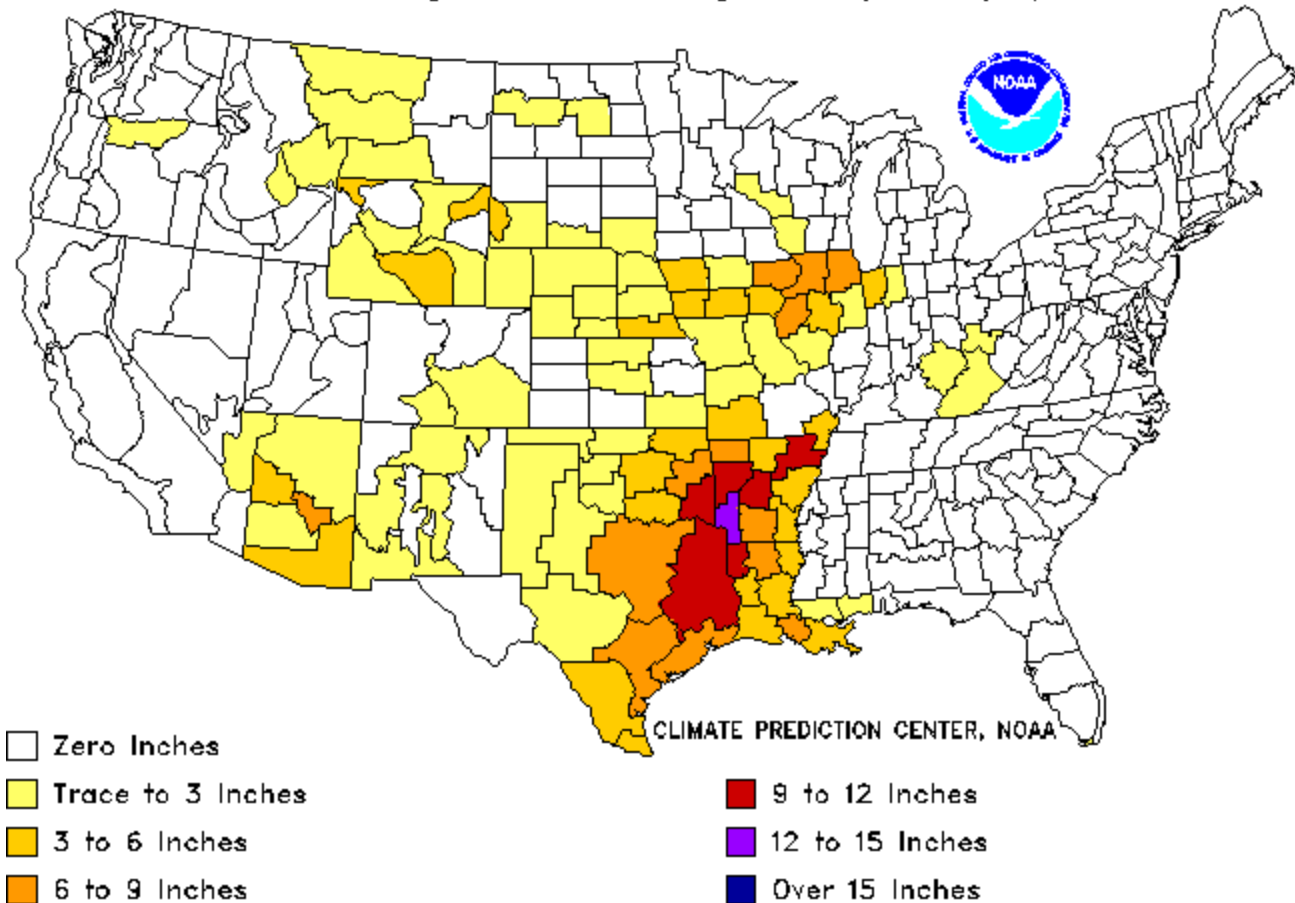
## THE PALMER DROUGHT SEVERITY INDEX

The Palmer Index uses temperature and rainfall information in a formula to determine dryness. The advantage of the Palmer Index is that it is standardized to local climate.

## Additional Precip. Needed (In.) to Bring PDI to -0.5

Weekly Value for Period Ending 4 FEB 2006

Long Term Palmer Drought Severity Index (PDI)



This is the amount of rainfall required in a week's time to bring the index back to zero inches required.